# PCT

#### WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



### INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>6</sup>: G06F 7/70, G06G 7/76, B60Q 1/00, G01S 13/00, B60L 1/00, 3/00, B60K 31/00, G01R 1/00, 31/00

**A3** 

(11) International Publication Number:

WO 98/34812

(43) International Publication Date:

13 August 1998 (13.08.98)

(21) International Application Number:

PCT/US98/01119

(22) International Filing Date:

5 January 1998 (05.01.98)

(30) Priority Data:

08/789,934

28 January 1997 (28.01.97)

US

(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application

US

08/789,934 (CIP)

Filed on

28 January 1997 (28.01.97)

(71) Applicant (for all designated States except US): CALCAR ADVERTISING, INC. [US/US]; Suite 139, 122 S. El Camino Real, San Clemente, CA 92672 (US).

(72) Inventors: and

- (75) Inventors/Applicants (for US only): OBRADOVICH, Michael, L. [US/US]; 1904 Aveneda Salvador, San Clemente, CA 92672 (US). KENT, Michael, L. [US/US]; 12181 Marble Circle, Garden Grove, CA 92643 (US). DINKEL, John, G. [US/US]; 20 Glen, Irvine, CA 92702 (US).
- (74) Agent: YIP, Alex, L.; P.O. Box 670425, Flushing, NY 11367 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

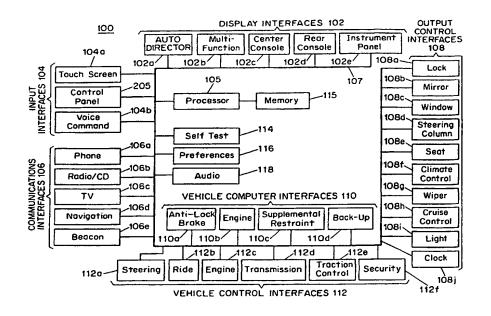
#### Published

With international search report.

(88) Date of publication of the international search report:

5 November 1998 (05.11.98)

(54) Title: MULTIMEDIA INFORMATION AND CONTROL SYSTEM FOR AUTOMOBILES



### (57) Abstract

In a multimedia information and control system (100) for use in an automobile, at least one interface (102, 104, 106, 108, 110, 112, 114, 116 and 118) is employed which enables a user to access information concerning the automobile and control vehicle functions in an efficient manner. The user may select one of a plurality of displayed options in a display screen (209) of such an interface. Through audio (104b), video (106C) and text media interfaces, the user is provided with information concerning the selected option and the vehicle function corresponding thereto. Having been so informed, the user may activate the selected option to control the corresponding vehicle function.

## FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
ΑT	Austria	FR	France	LU	Luxembourg	SN	Senegal
ΑŪ	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
ΑZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
ВВ	Barbados	GH	Ghana	MG	Madagascar	ТJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav	TM	Turkmenistan
BF	Burkina Faso	GR	Greece		Republic of Macedonia	TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
ВJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of America
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
СН	Switzerland	KG	Kyrgyzstan	NO	Norway	zw	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's	NZ	New Zealand		
СМ	Cameroon		Republic of Korea	PL	Poland		
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	LÍ	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		
ţ							